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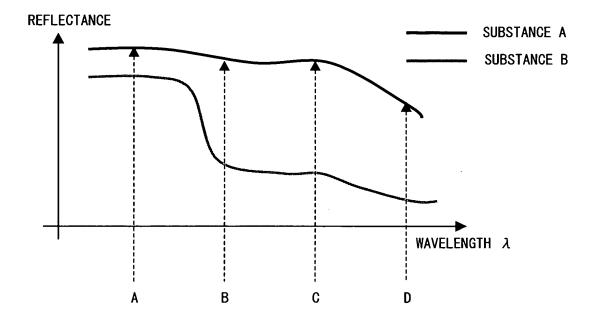


FIG. 1 PRIOR ART

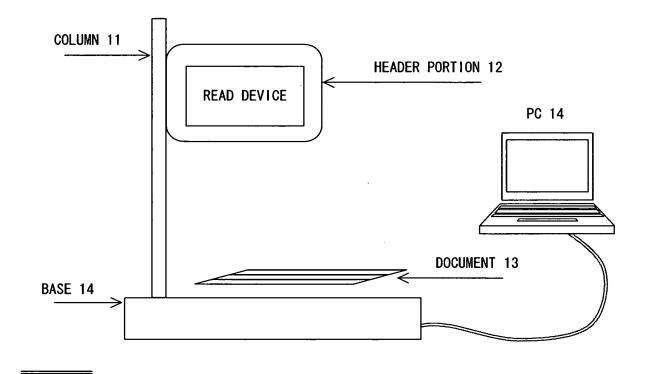
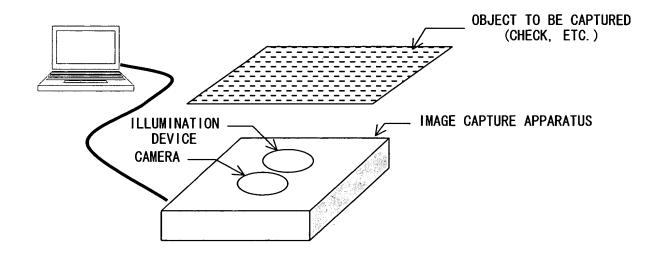


FIG. 2 PRIOR ART



WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
Title: Image Capture Apparatus
Inventor: Takahiro AOKI et al.
Attorney Docket: 042046

CASE B

SUBSTANCE WHOSE WAVELENGTH
CHARACTERISTIC IS KNOWN

SUBSTANCE WHOSE WAVELENCTH
CHARACTERISTIC IS KNOWN

F I G. 4

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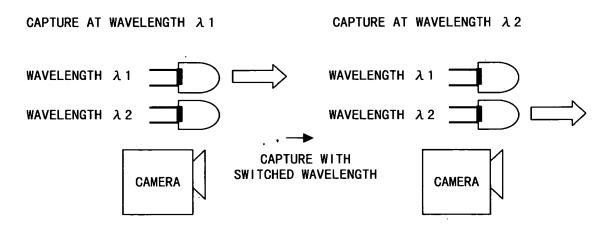
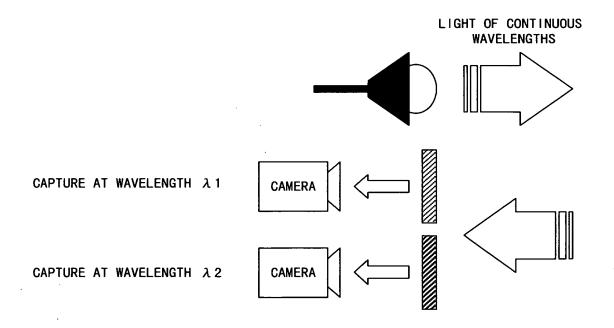
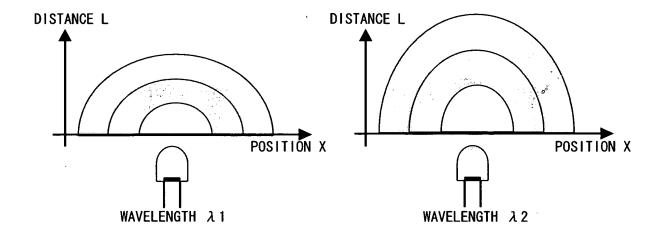
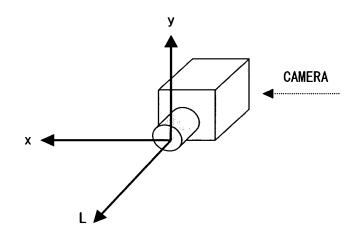


FIG. 5A



F I G. 5 B





F I G. 6

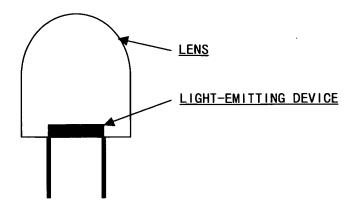


FIG. 7A

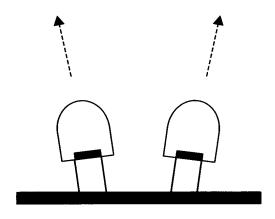


FIG. 7B

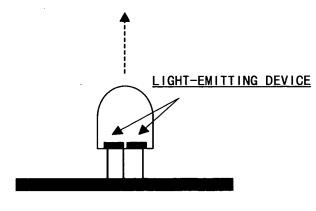
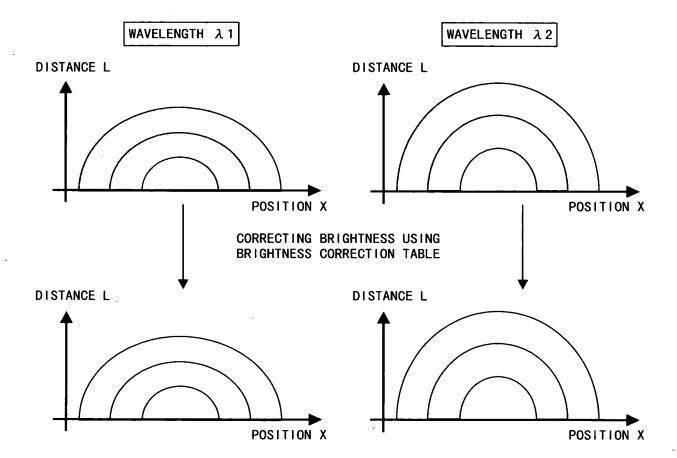
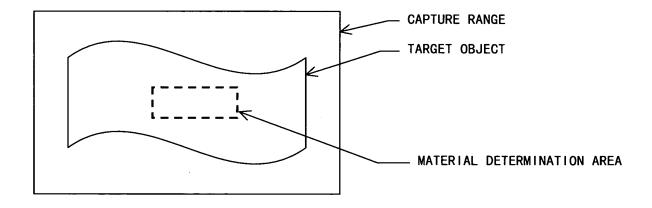
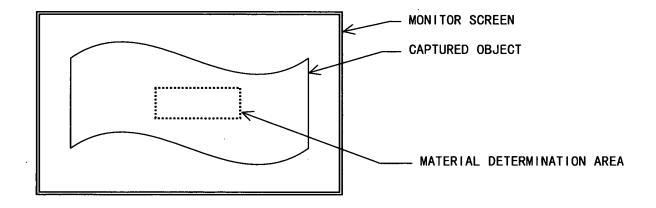


FIG. 7C







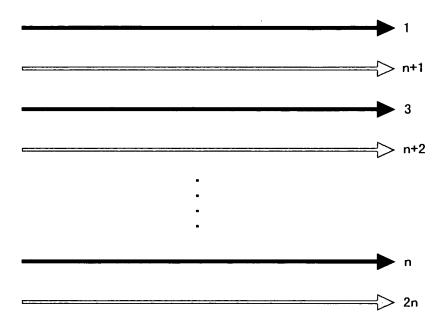
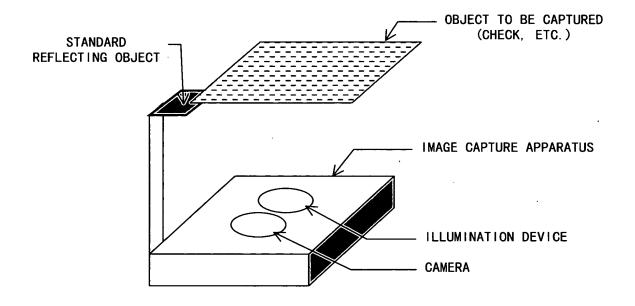
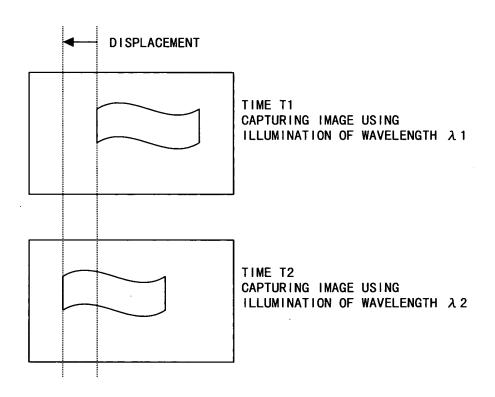
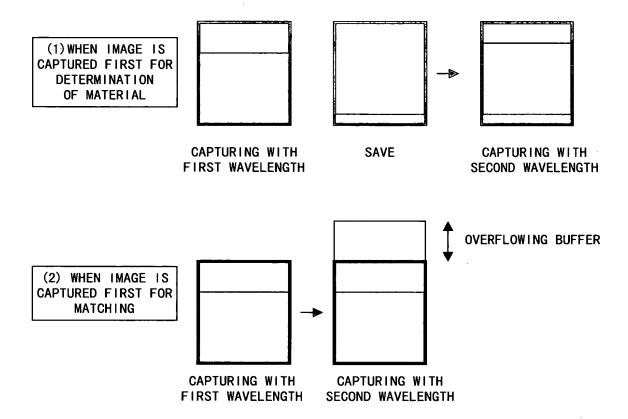


FIG. 11



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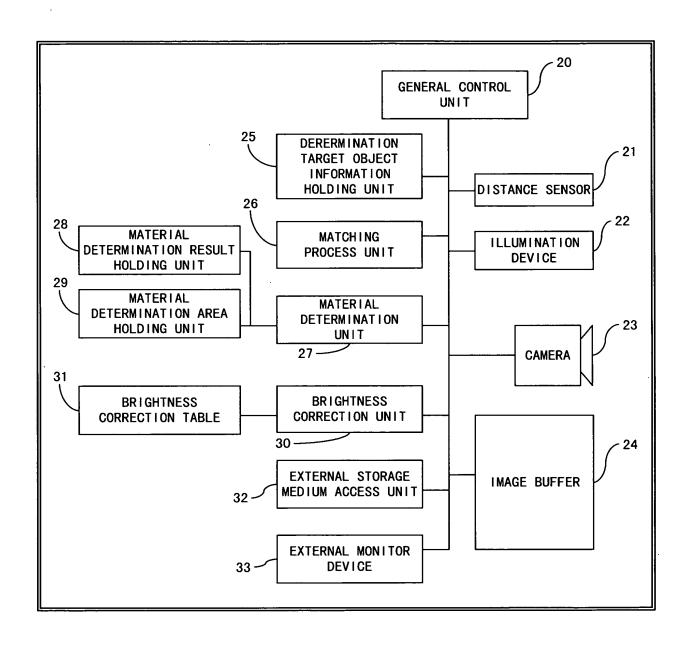
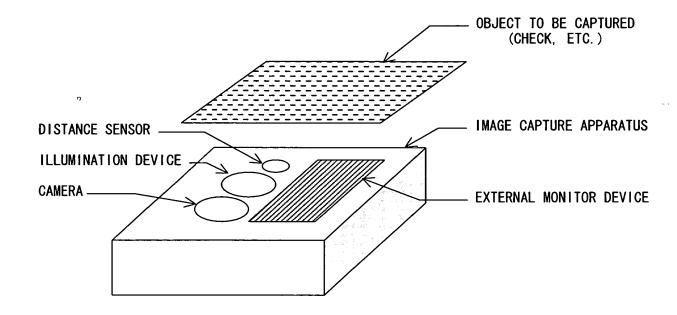
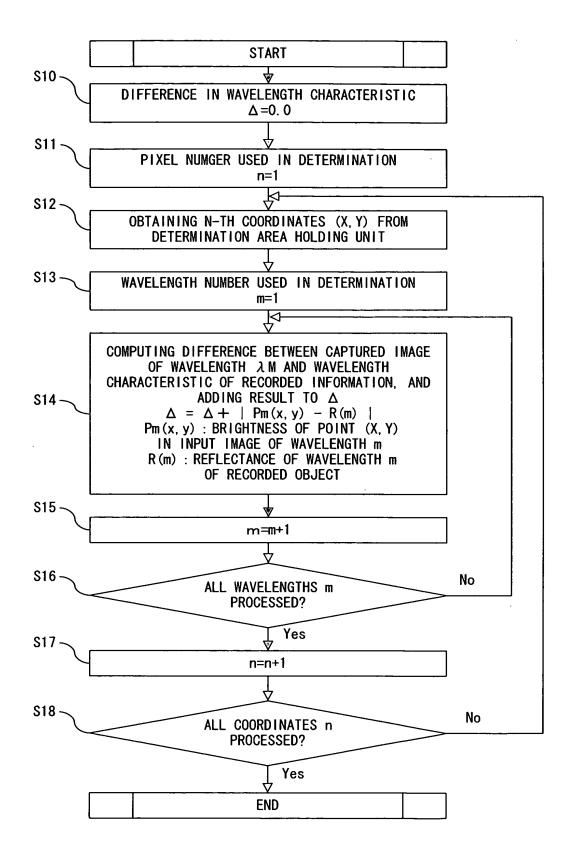


FIG. 15





F I G. 17

No	TIME	ID
1	××: ××	1058
2	××: ××	1058
3	××: ××	1058
4	` × × : × ×	1058
5	××: ××	1058
6	××: ××	1058

DISTANCE TO OBJECT = TABLE FOR 5 cm

RELATIVE DISTANCE L FROM CENTER	WAVELENGTH 入1	WAVELENGTH ん2
0.0	1. 2	2. 0
0. 2	1. 5	4. 0
0.4	2. 0	5. 1
0.6	3. 1	6. 3
0.8	4. 1	8. 0
0.8	4. 9	9. 4

FIG. 19A

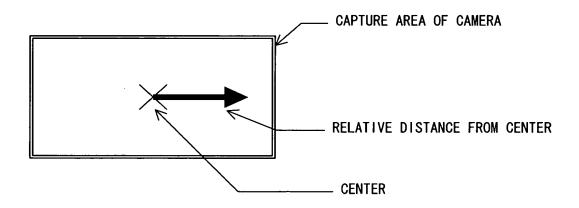


FIG. 19B

EXTERNAL PROCESSOR 51

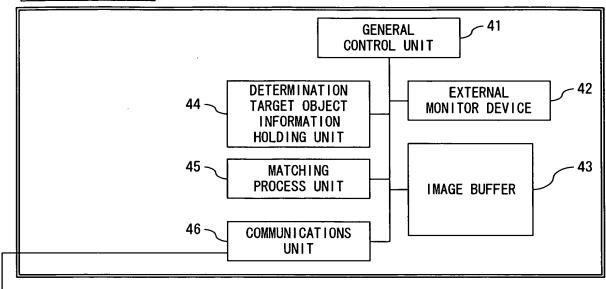


IMAGE CAPTURE APPARATUS 50

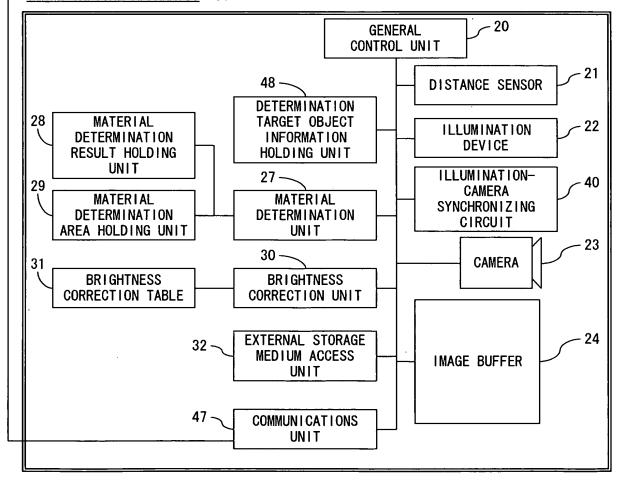
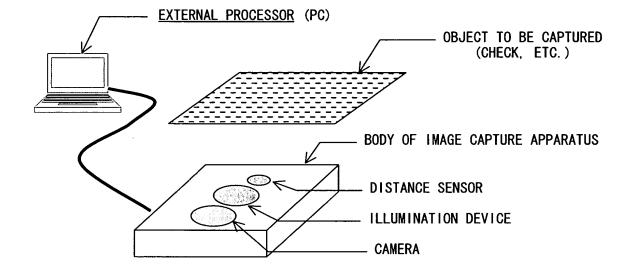


FIG. 20



EXTERNAL PROCESSOR 51

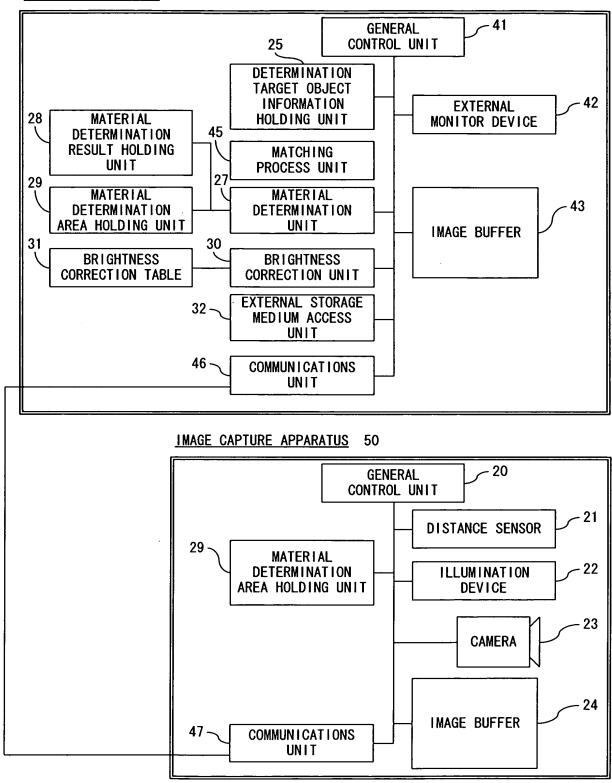
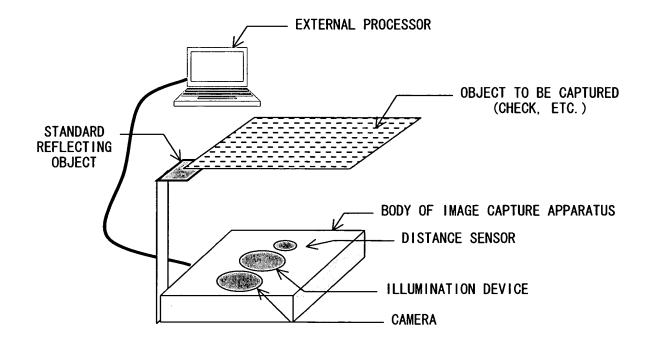


FIG. 22



- 20 **GENERAL** CONTROL UNIT 25 -**DETERMINATION** TARGET OBJECT - 21 INFORMATION **DISTANCE SENSOR** HOLDING UNIT 26 28 MATERIAL - 22 **ILLUMINATION DETERMINATION** MATCHING DEVICE RESULT HOLDING PROCESS UNIT UNIT 27 - 23 29 MATERIAL MATERIAL **CAMERA** DETERMINATION **DETERMINATION** AREA HOLDING UNIT UNIT 30 -31 **BRIGHTNESS BRIGHTNESS** - 24 **CORRECTION TABLE** CORRECTION UNIT IMAGE BUFFER EXTERNAL STORAGE 32 ~ **MEDIUM ACCESS** UNIT PERIPHERAL 60 33 -**EXTERNAL** IMAGE CAPTURE MONITOR DEVICE **CAMERA** 62 -**NETWORK** TO NETWORK COMMUNICATIONS **PERIPHERAL** UNIT 61 IMAGE CAPTURE CAMERA BUFFER

FIG. 24

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